

In re Arora et al.
Application No. 09/641,556

LIST OF PENDING CLAIMS

1-10. (Canceled)

11. (Previously amended) An architecture for an automation system, the automation system used to remotely control and monitor power-consuming devices drawing power from a power line in a building, the architecture comprising:

a lookup service maintaining a database of (1) the power-consuming devices including their attributes of device type and physical location, and (2) device objects corresponding to the power-consuming devices including a name for each device object mapped to at least one address;

a soft state store managing refresh information for the power-consuming devices and the device objects;

a publication/subscription eventing component enabling subscriptions to events related to changes in the refresh information managed by the soft state store; and,

a power line monitor detecting superimposed transmissions from the power-consuming devices on the power line, which signal problems associated with the power-consuming devices.

12. (Previously amended) The architecture of claim 11, wherein the power line monitor uses pattern-based detection for detecting unacceptable power line activity.

13. (Previously amended) The architecture of claim 12, wherein the power line monitor

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matches power line patterns against unacceptable power line patterns stored in a pattern database.

14. (Previously amended) The architecture of claim 11, wherein the power line monitor uses model-based detection for detecting acceptable power line activity.

15. (Previously amended) The architecture of claim 14, wherein the power line monitor tests power line patterns against a pattern model of acceptable power line patterns.

16-37. (Canceled)

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CONCLUSION

The application is considered to be in good and proper form for allowance, and the Examiner is respectfully requested to pass this application to issue.

If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,

Richard E. Fontana

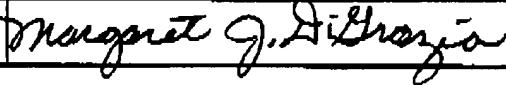
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CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this Amendment D and all accompanying documents are, on the date indicated below, being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the U.S. Patent and Trademark Office, Attention: Examiner Thomas K. Pham, Art Unit 2121, Facsimile Number (703) 746-8874.

Name (Print/Type)	Margaret J. DiGrazia		
Signature		Date	May 10, 2004